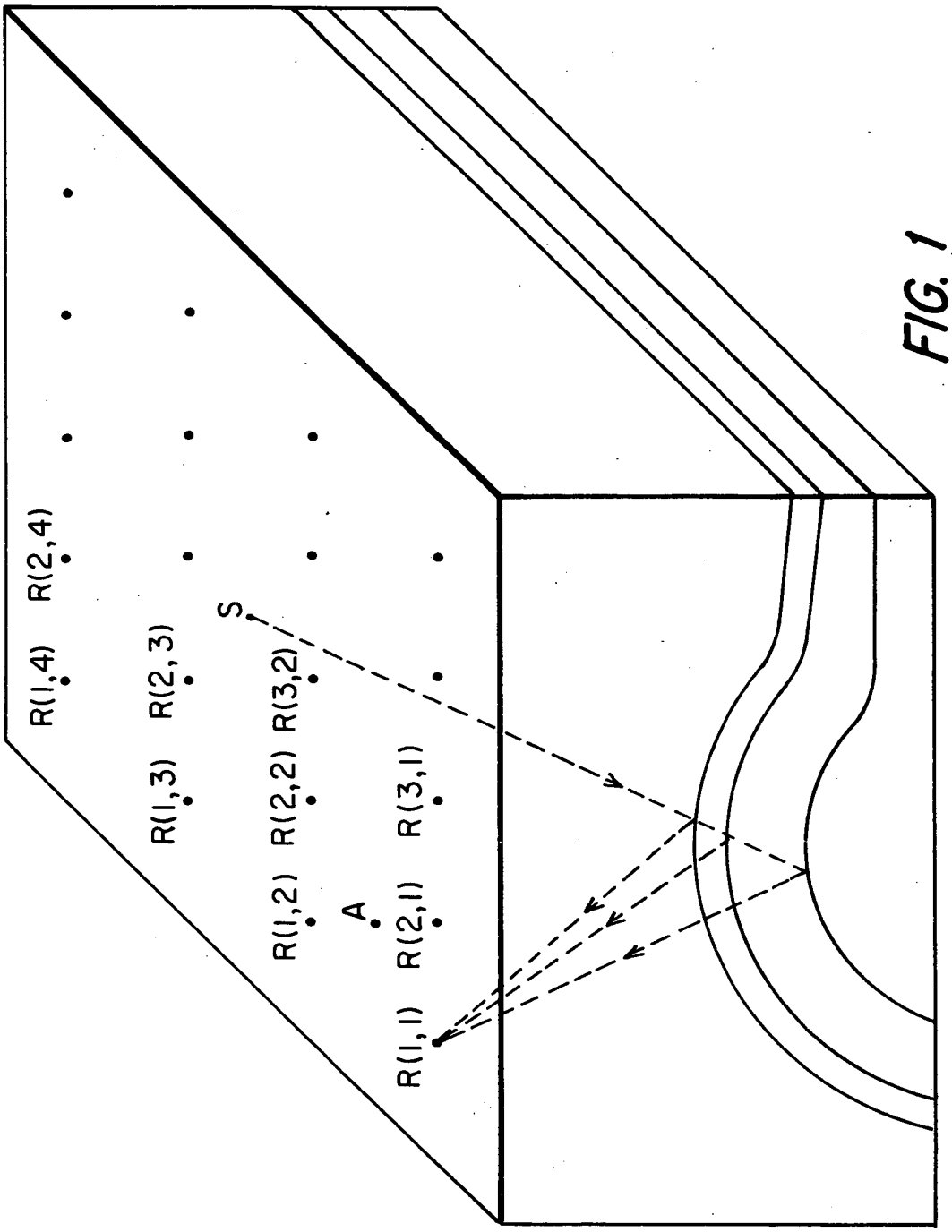

FIG. 1

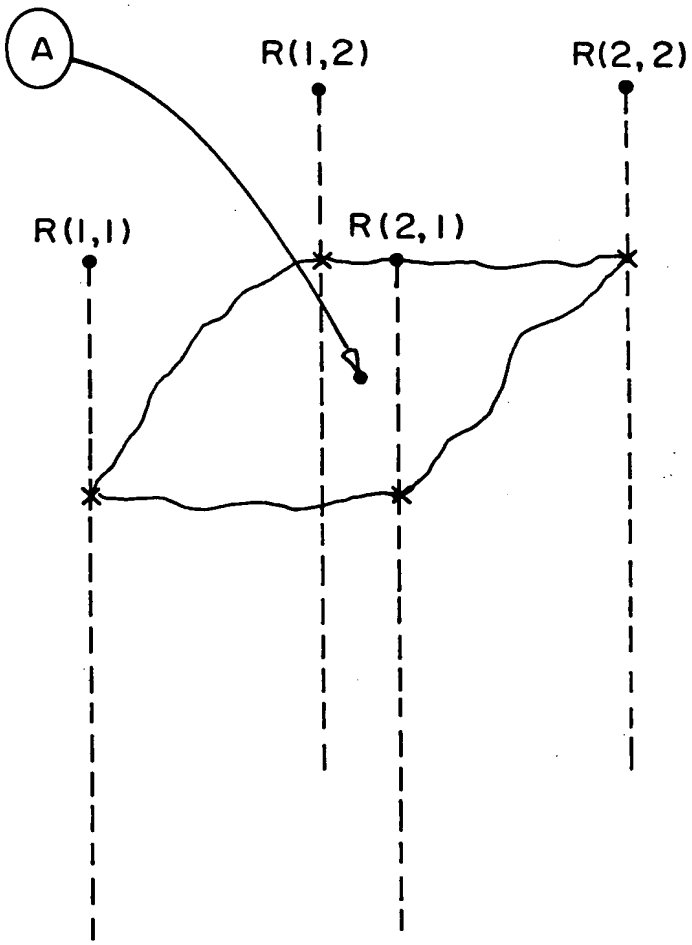

FIG. 1A

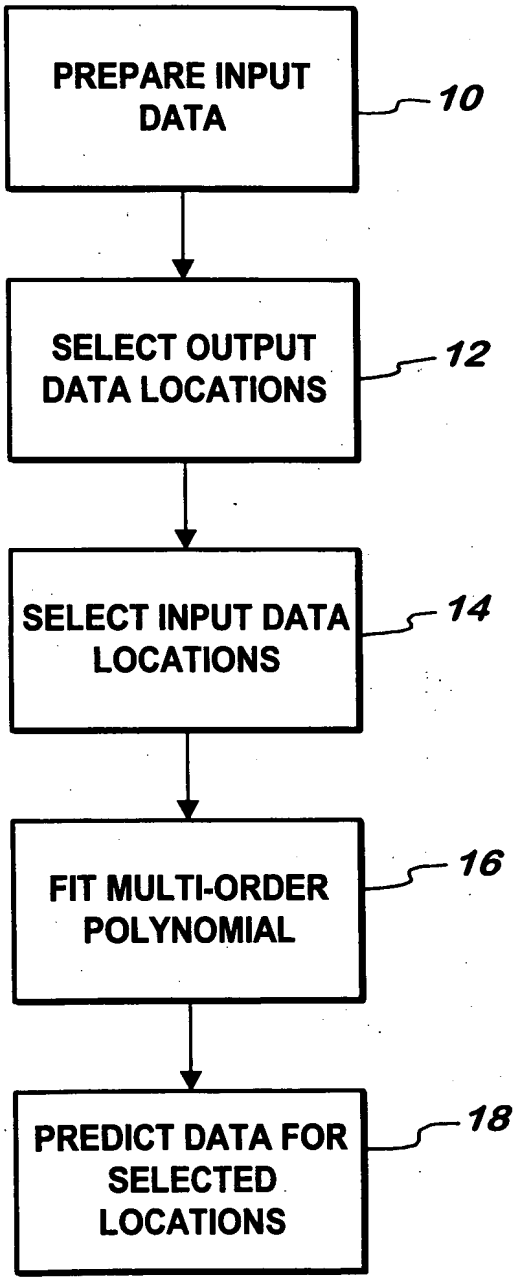
PREPARE INPUT DATA
10
SELECT OUTPUT DATA LOCATIONS
12
SELECT INPUT DATA LOCATIONS
14
FIT MULTI-ORDER POLYNOMIAL
16
PREDICT DATA FOR SELECTED LOCATIONS
18

FIG. 2

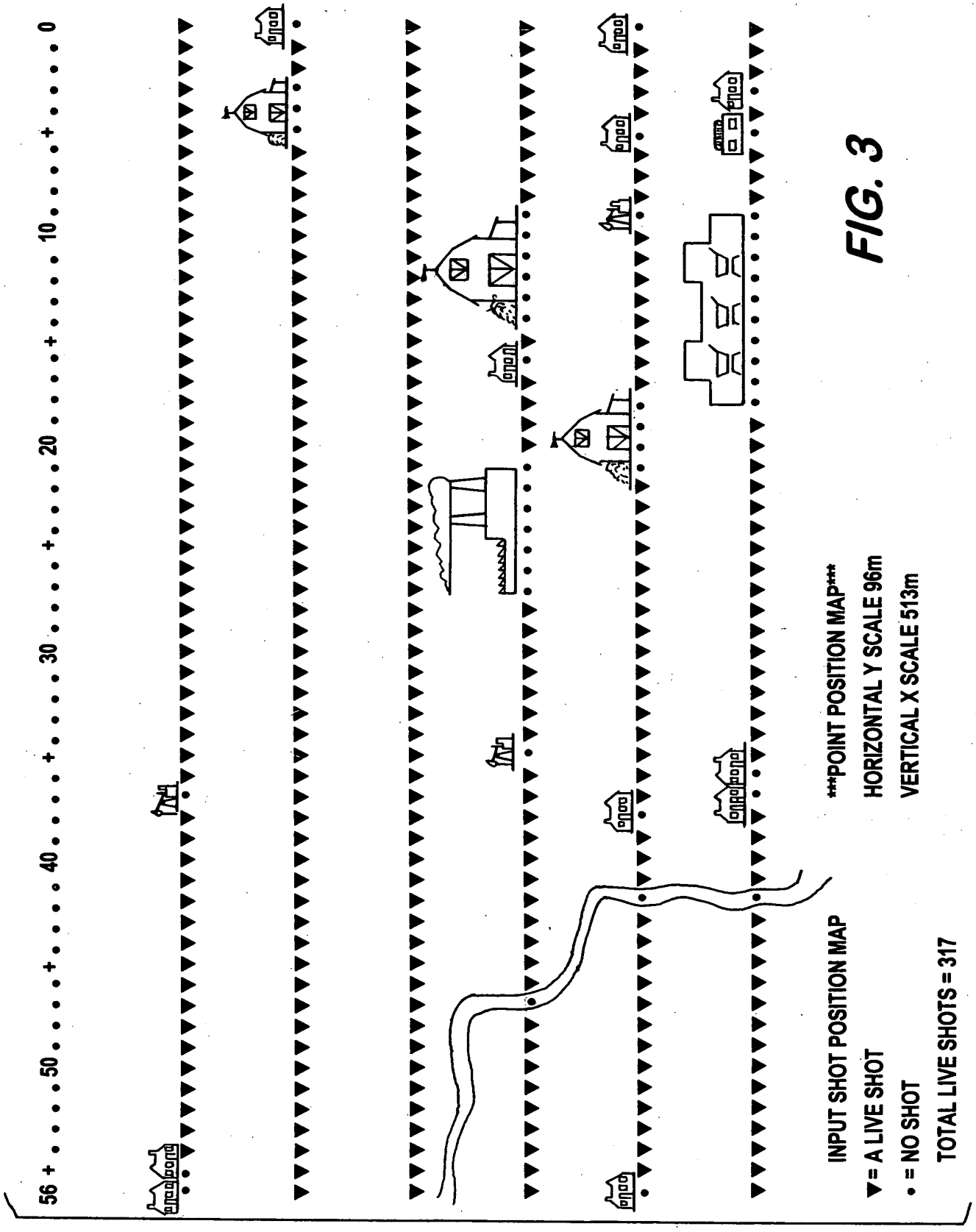
56 + ... 50 . . . . + ... 40 . . . . + ... 30 . . . . + ... 20 . . . . + ... 10 . . . . + ... 0
INPUT SHOT POSITION MAP
▼= A LIVE SHOT
• = NO SHOT
TOTAL LIVE SHOTS = 317
POINT POSITION MAP
HORIZONTAL Y SCALE 96m
VERTICAL X SCALE 513m

FIG. 3

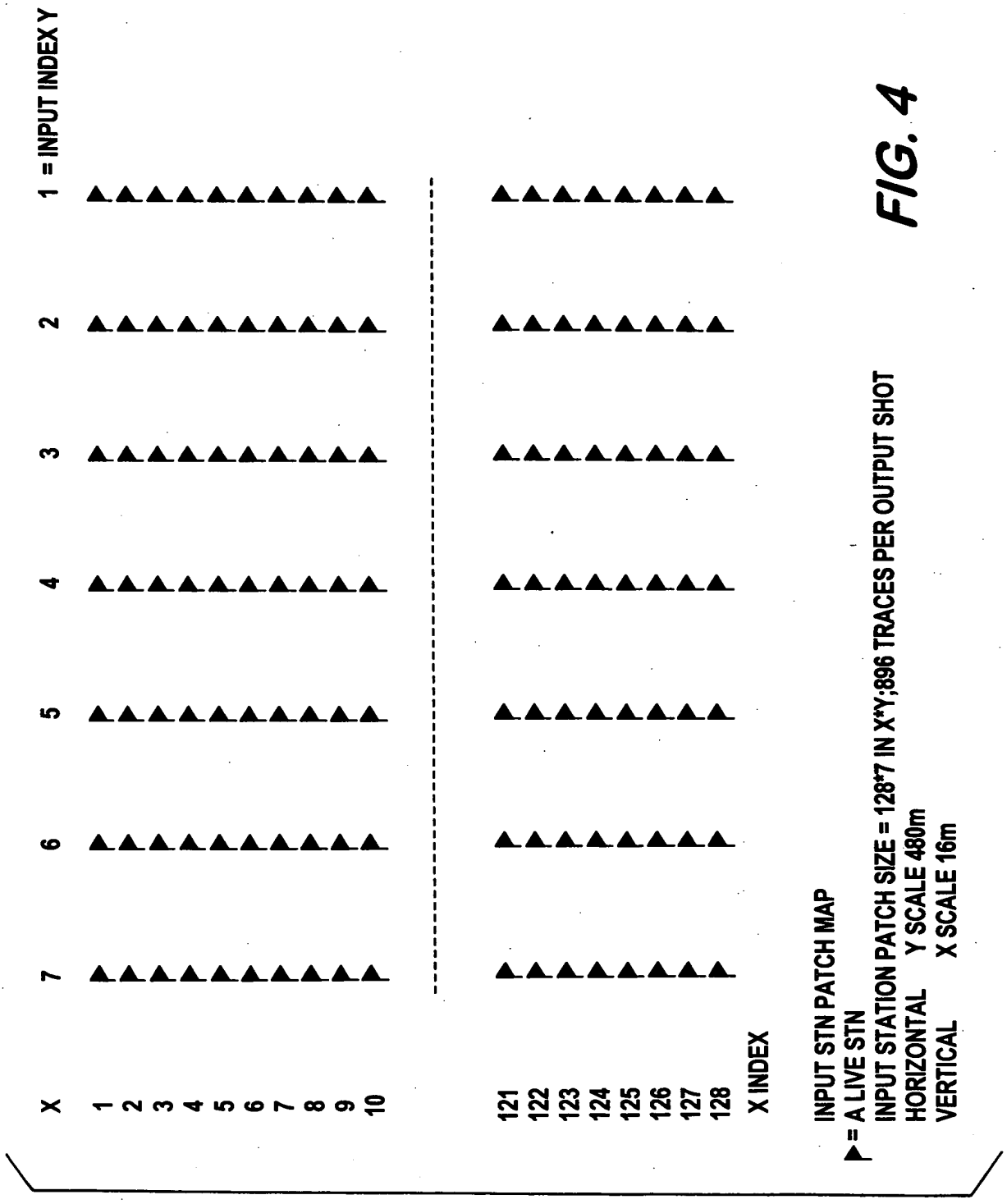
1 = INPUT INDEX Y
1
2
3
4
5
6
7
X
1 2 3 4 5 6 7 8 9 10
121 122 123 124 125 126 127 128
X INDEX
INPUT STN PATCH MAP
▲= A LIVE STN
INPUT STATION PATCH SIZE = 128*7 IN X*Y;896 TRACES PER OUTPUT SHOT
HORIZONTAL Y SCALE 480m
VERTICAL X SCALE 16m

FIG. 4

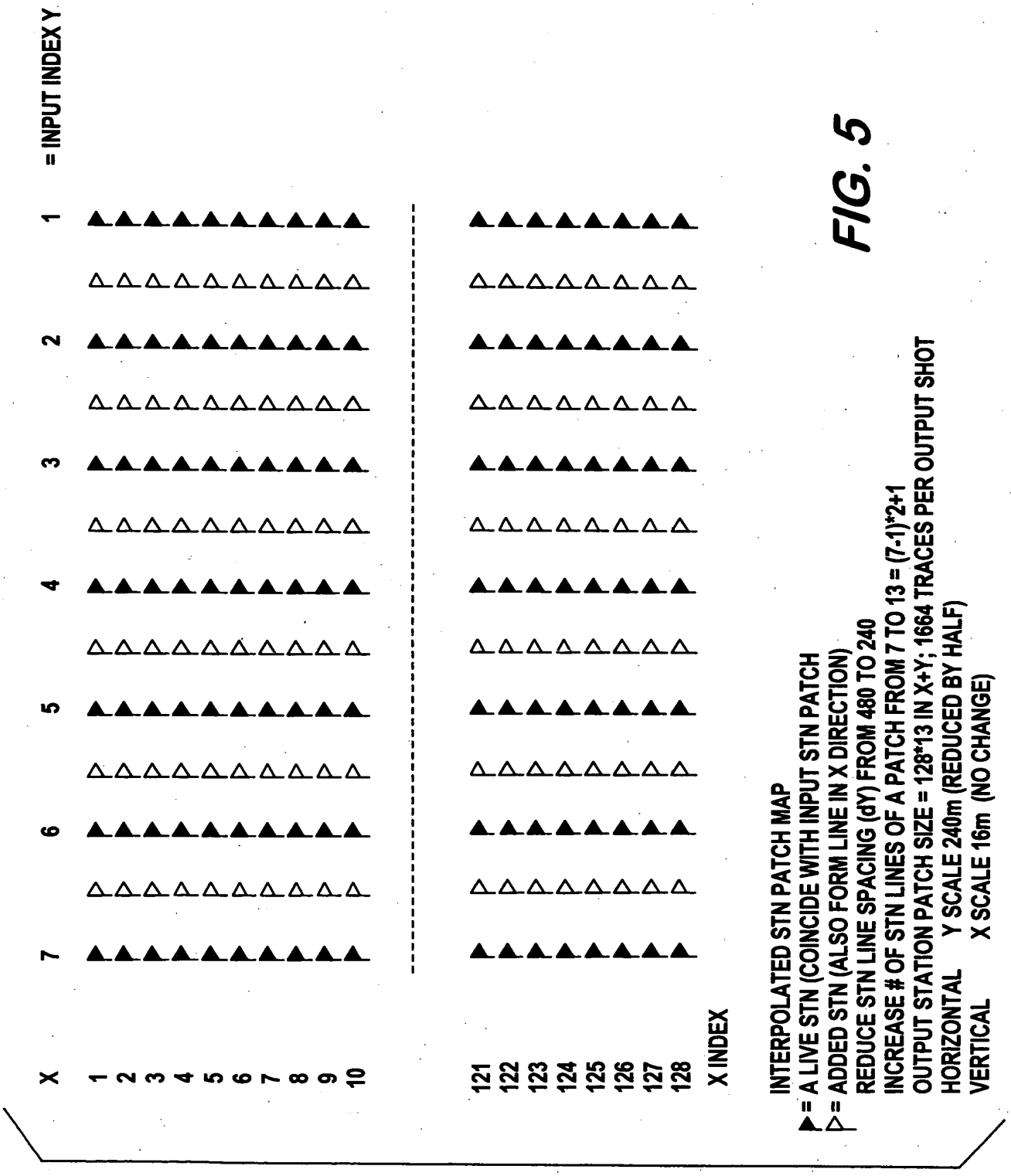
= INPUT INDEX Y
1
2
3
4
5
6
7
X
1 2 3 4 5 6 7 8 9 10
121 122 123 124 125 126 127 128
X INDEX
INTERPOLATED STN PATCH MAP
▲= A LIVE STN (COINCIDE WITH INPUT STN PATCH
△= ADDED STN (ALSO FORM LINE IN X DIRECTION)
REDUCE STN LINE SPACING (dY) FROM 480 TO 240
INCREASE # OF STN LINES OF A PATCH FROM 7 TO 13 = (7-1)*2+1
OUTPUT STATION PATCH SIZE = 128*13 IN X+Y; 1664 TRACES PER OUTPUT SHOT
HORIZONTAL Y SCALE 240m (REDUCED BY HALF)
VERTICAL X SCALE 16m (NO CHANGE)

FIG. 5

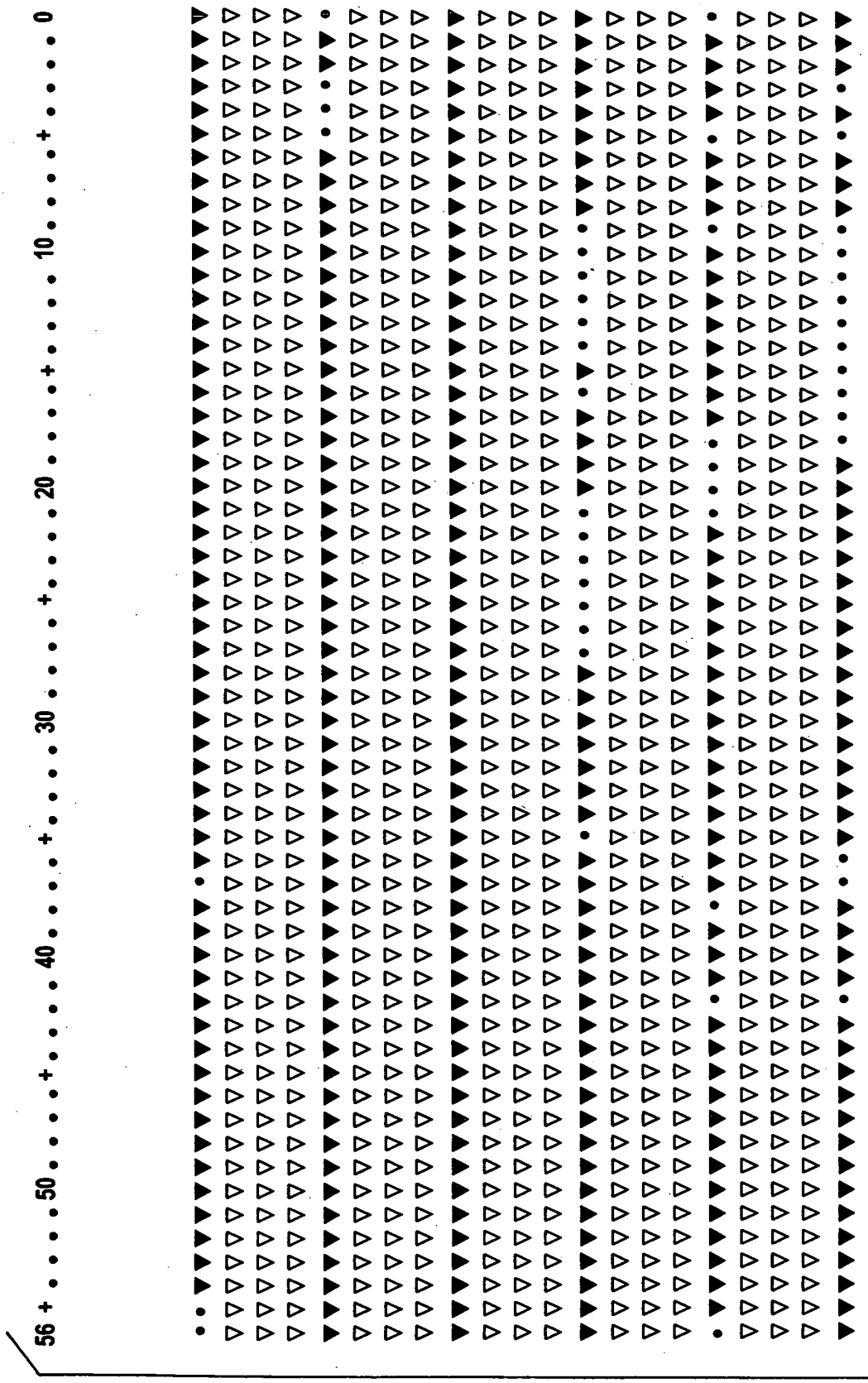
56 + • • • • 50 • • • • + • • • • 40 • • • • + • • • • 30 • • • • + • • • • 20 • • • • + • • • • 10 • • • • + • • • • 0
INPUT SHOT POSITION MAP
▼= A LIVE SHOT
• = NO SHOT
▽ = INTERPOLATED SHOTS
TOTAL LIVE SHOTS = 317
POINT POSITION MAP
HORIZONTAL Y SCALE 96m
VERTICAL X SCALE 128m

FIG. 6

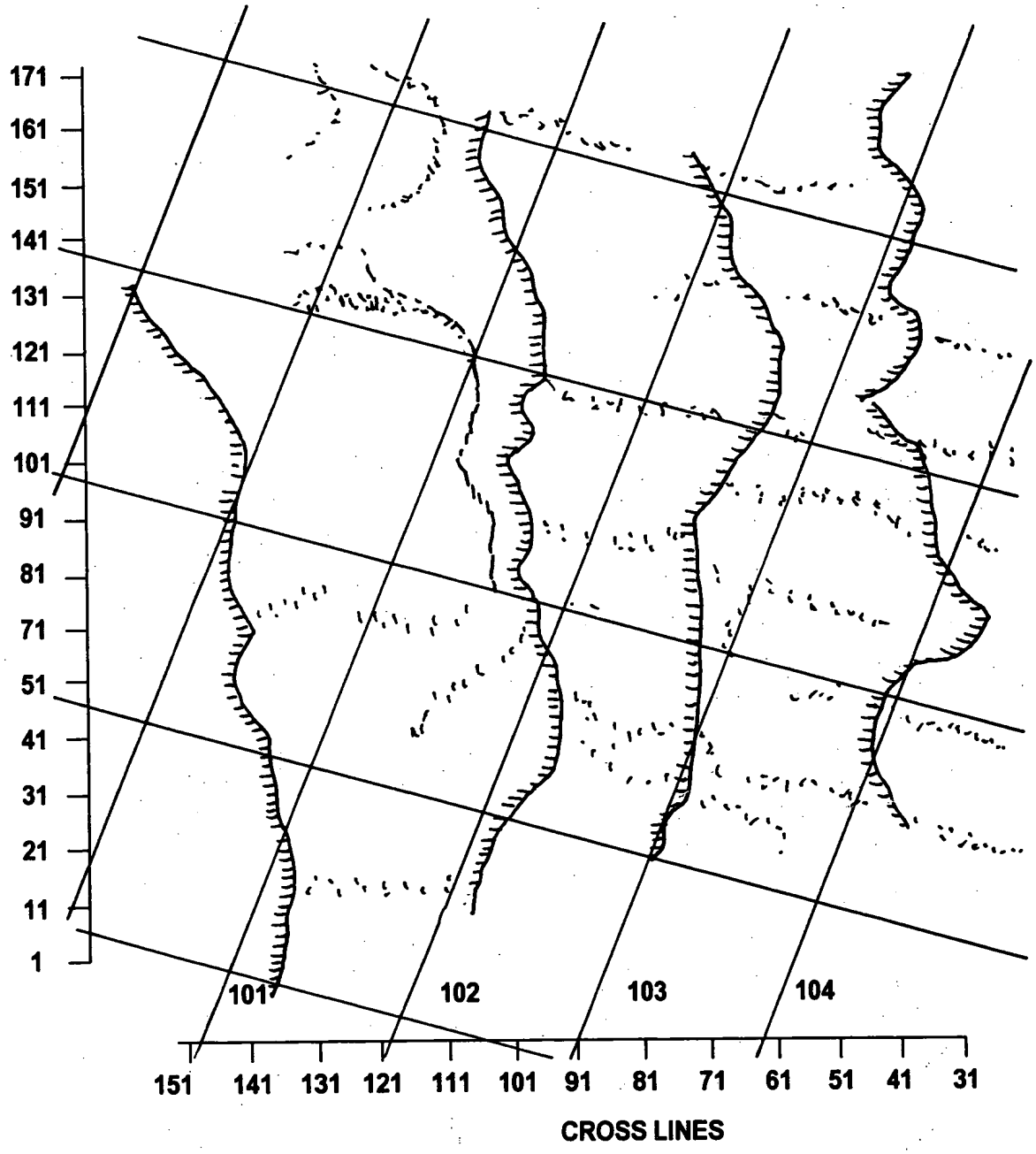
171
161
151
141
131
121
111
101
91
81
71
51
41
31
21
11
1
101
102
103
104
151
141
131
121
111
101
91
81
71
61
51
41
31
CROSS LINES

FIG. 7

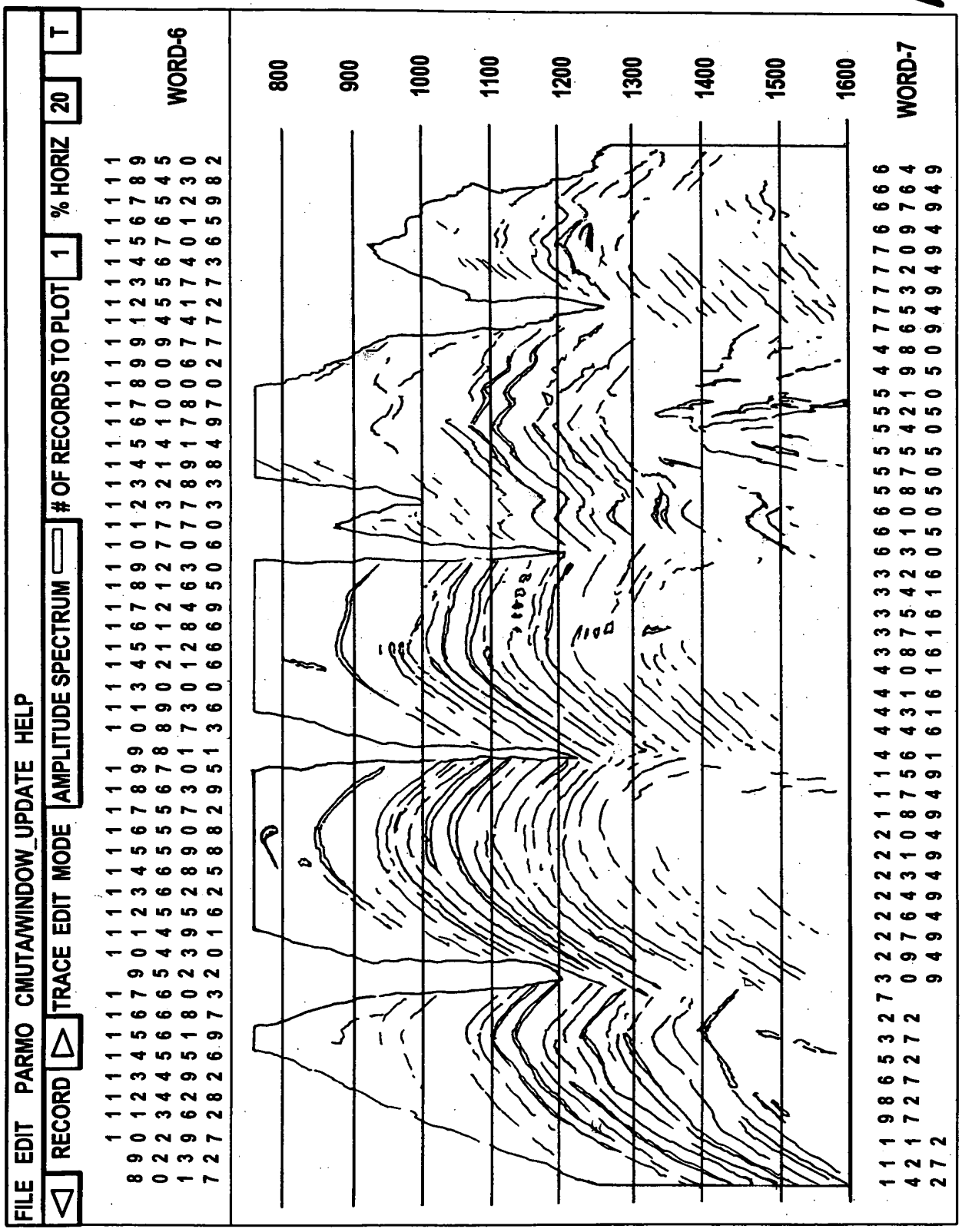
FILE EDIT PARMO CMUTA/WINDOW_UPDATE HELP
RECORD
TRACE EDIT MODE
AMPLITUDE SPECTRUM
OF RECORDS TO PLOT
1
% HORIZ
20
T
WORD-6
WORD-7
800
900
1000
1100
1200
1300
1400
1500
1600

FIG. 8

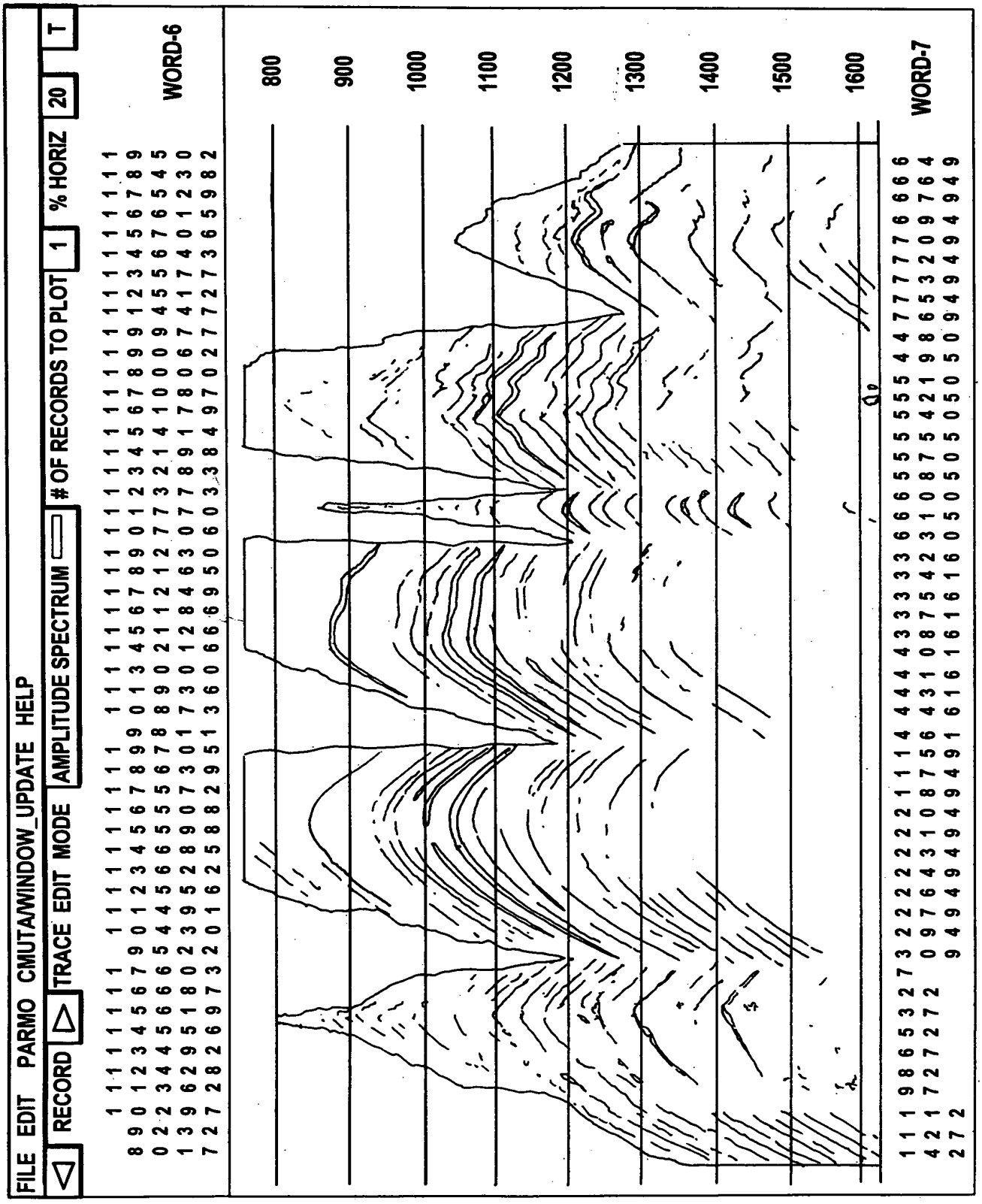
FILE EDIT PARMO CMUTAWINDOW_UPDATE HELP
RECORD
TRACE EDIT MODE
AMPLITUDE SPECTRUM
OF RECORDS TO PLOT
1
% HORIZ
20
T
WORD-6
800
900
1000
1100
1200
1300
1400
1500
1600
WORD-7

FIG. 9

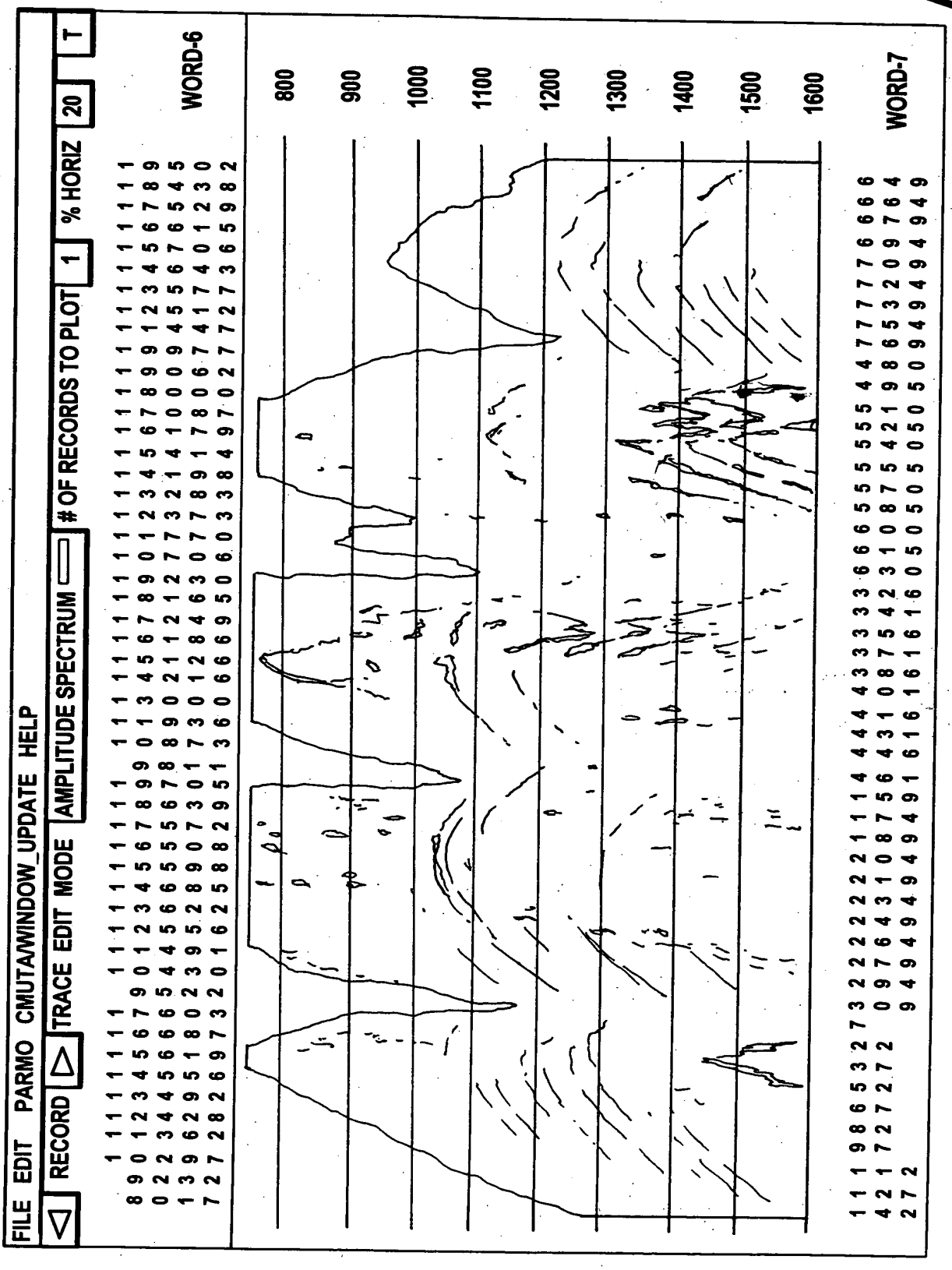
FILE EDIT PARMO CMUTAWINDOW_UPDATE HELP
RECORD
TRACE EDIT MODE
AMPLITUDE SPECTRUM
OF RECORDS TO PLOT
1
% HORIZ
20
T
WORD-6
WORD-7
800
900
1000
1100
1200
1300
1400
1500
1600

FIG. 10

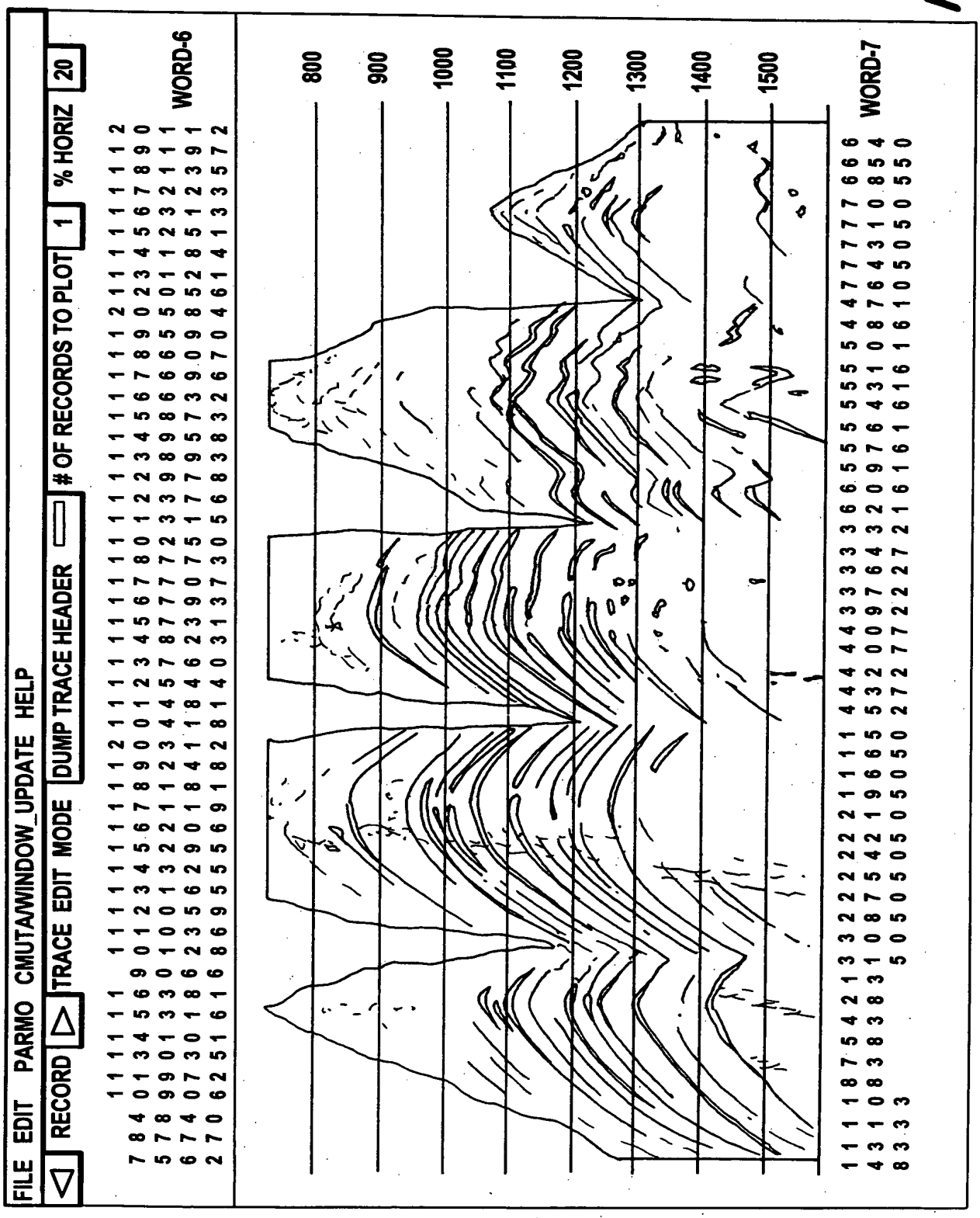
FILE EDIT PARMO CMUTAWINDOW_UPDATE HELP
RECORD
TRACE EDIT MODE
DUMP TRACE HEADER
OF RECORDS TO PLOT
1
% HORIZ
20
WORD-6
WORD-7
800
900
1000
1100
1200
1300
1400
1500

FIG. 11

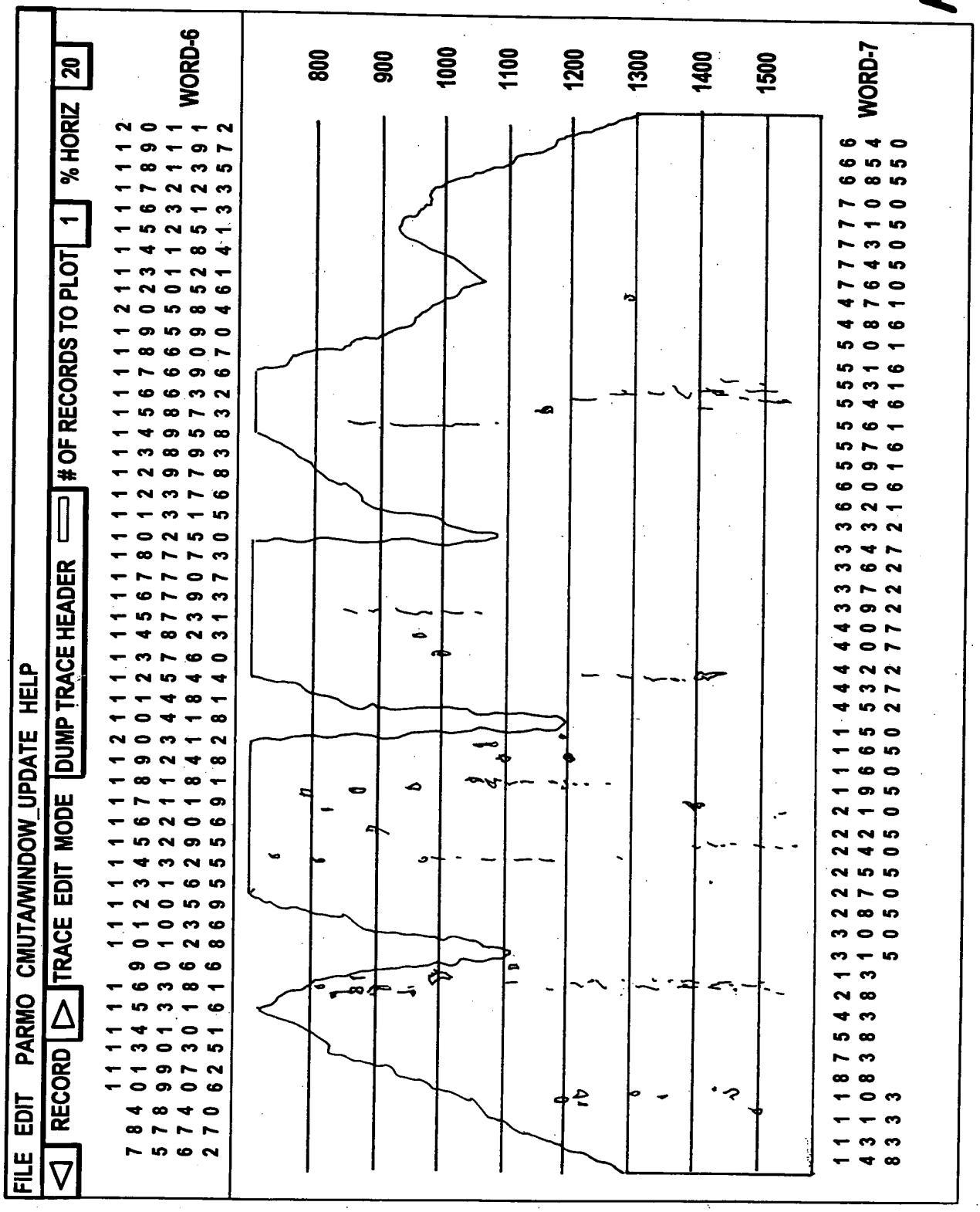
FILE EDIT PARMO CMUTAWINDOW_UPDATE HELP
RECORD
TRACE EDIT MODE
DUMP TRACE HEADER
OF RECORDS TO PLOT 1
% HORIZ 20
WORD-6
WORD-7
800
900
1000
1100
1200
1300
1400
1500

FIG. 12